

### REMARKS

The specification has been amended pursuant to incorporate the substitute Sequence Listing submitted concurrently herewith. No new matter has been added.

### THE RESTRICTION REQUIREMENT

The Examiner has required an election under 35 U.S.C. § 121 of one of the following inventions:

- Group I: Claims 1-4, 6-18, and 22-28, drawn to a transgenic nematode comprising SREBP encoding nucleic acids and uses thereof, classified in class 800, subclass 8;
- Group II: Claims 1-9, 12-14, 18, and 22-28, drawn to a transgenic fly comprising SREBP encoding nucleic acids and uses thereof, classified in class 800, subclass 8;
- Group III: Claims 1-4, 6-18, and 22-28, drawn to a transgenic nematode comprising SCAP encoding nucleic acids and uses thereof, classified in class 800, subclass 8;
- Group IV: Claims 1-9, 12-14, 18, and 22-28, drawn to a transgenic fly comprising SCAP encoding nucleic acids and uses thereof, classified in class 800, subclass 8;
- Group V: Claims 19-21, drawn to a method of determining the lipid content of a nematode, classified in class 800, subclass 3;
- Group VI: Claims 29, 30, and 33, drawn to SREBP pathway proteins and method of detecting molecules that bind to said proteins, classified in class 530, subclass 350.1; and
- Group VII: Claims 31-32, drawn to a nucleic acid construct wherein a SREBP promoter drives the expression of a nucleic acid sequence, classified in class 435, subclass 320.1.

The Examiner states that if Group I or III is elected, claims 1-9, 12-14, 18 and 22-28 will be examined to the extent that they encompass the elected subject matter.

The Examiner contends that the inventions of the above Groups are distinct.

In order to be fully responsive, Applicants hereby elect without traverse the invention of Group I, claims 1-4, 6-18, and 22-28, drawn to a transgenic nematode comprising SREBP encoding nucleic acids and uses thereof.

**CONCLUSION**

Applicants respectfully request that the above-made remarks and amendments be made of record in the file history of the present application.

Respectfully submitted,

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 32,605  
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